

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 5/10/2010

Control	0009-11-219, ETC.
Project	IM 0305(079), ETC.
Highway	IH 30, ETC.
County	DALLAS

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: IM 0305(079)

CONTROL: 0009-11-219

COUNTY: DALLAS

LETTING: 05/11/2010

REFERENCE NO: 0510

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

_ BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: SHEET G

_ SPEC LIST (SH. NO.:

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: SEE BELOW

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES:

SHEET G - ITEM 680 NOTES REVISED.

PLAN SHEETS:

SHEET 3C REPLACED DUE TO GENERAL NOTES CHANGE LISTED ABOVE

Project Number: IM 305 (079), etc

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SW3P RESPONSIBILITIES

TxDOT Area of Responsibility

Responsible for the area defined by the limits of the subject project, except for those areas utilized and operated by the contractor. These areas include, though are not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants.

TxDOT Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and operating the project within the requirements of the CGP for discharging storm water from the subject project and to notify MS4 permit holders of the intent to discharge storm water.

File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Contractor Area of Responsibility

Responsible for all areas under their direct operational control which includes, though not limited to, areas used for field offices, equipment and/or material storage, and concrete or asphalt plants. These areas may be located on or off the subject project's R.O.W.

Contractor Operational Responsibility

Responsible for seeking coverage under the TPDES Construction General Permit (CGP) and adhering to all requirements of the permit for discharging storm water from the areas under their operational control. Perform regular inspections, prepare a written report of deficiencies, and repair deficiencies within the time frame set forth by the permit. File a Notice of Termination with TCEQ upon completion of the project when the exposed areas have been stabilized with a vegetative cover of at least 70%.

Responsible under contractual obligations to TxDOT to install, clean, repair, replace or remove sediment and erosion control devices as indicated on TxDOT's Inspection Reports, or as required by daily construction practices, within the time frame set forth by the permit.

General:

Access will be provided to all business and residences at all times. Materials, labor and maintenance for these temporary accesses will not be paid for directly but will be considered subsidiary to the various bid items.

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The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

The disturbed area for this project, as shown on the plans is less than 1 acre. However, **the Total Disturbed Area** (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

Use established industry and utility safety practices to erect poles, luminaries, signs or structures near any overhead or underground utility. Consult with the appropriate utility company prior to beginning such work.

Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communication & control, call 1-800-DIG-TESS (1-800-344-8377), TxDOT Traffic Signal Office (214-320-6682), and TxDOT Freeway Management Office (214-320-4439) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Maintenance Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

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Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Submit all shop drawings, working drawings, or other documents which require review sufficiently in advance of scheduled construction to allow no less than thirty (30) calendar days for review and response.

Meet daily with the Engineer to notify him or her of planned work for the day and to provide 24 hour notice of lane closures for planned work for the next day. Do not close lanes for which this requirement is not met. No work is to be performed without prior coordination with the Engineer.

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

Provide the Engineer with a copy of all DBE subcontractor agreements prior to commencing work.

Item 8:

This Project will be Calendar Day in accordance with Article 8.3.A.5.

Item 416:

Provide a smooth finish for all portions of drill shafts extending above proposed ground. Include cost for this work in the unit bid price for this item.

Item 421:

Furnish mix designs to the Engineer in a format compatible to the latest version of the Department's Construction Management System (SiteManager). Mix Design templates will be provided by the Engineer.

Provide sulfate resistant concrete for drill shafts. High performance concrete meets the requirement for the sulfate resistant concrete.

Strength evaluation using maturity testing, Tex-426-A, may be used for all concrete elements except drill shafts and mass concrete pours.

Item 502:

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Do not commence work on the road before sunrise. Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the engineer.

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When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.

Limit lane closures to the hours between 9:00 am and 3:30 pm. Work in other areas of the project is not restricted to this time frame.

Item 506:

The Storm Water Pollution Prevention Plan (SW3P) consists of using the following items as directed:

- Temporary Sediment Control Fence
- Biodegradable Erosion Control Logs

This work will be paid for under the respective bid items.

SW3P Maintenance Reports are made every seven calendar days. Make corrections as soon as possible before the next anticipated rain event or within seven calendar days after being able to enter the site to work for each BMP. A BMP site being "Too Wet to Work" is the only acceptable reason for not accomplishing the corrections with the seven calendar day time limit and should be thoroughly documented on Form 2118. If maintenance corrections are not made within this time frame then all work will cease, time charges will continue until SW3P is brought into compliance and is documented on Form 2118 after TxDOT review.

This in no way releases the contractor of liability for noncompliance.

Item 618:

The location of conduits and ground boxes are diagrammatic only and may be shifted to accommodate field conditions as directed.

Secure permission and approval from the proper authority prior to cutting into or removing any sidewalks or curbs for installation of this Item.

When holes are drilled through concrete structures, use a coring device. Do not use masonry or concrete drills.

Structurally mount junction boxes as shown on the plans. When used for traffic signal installations, use boxes 12"x12"x8", or as approved.

Use conduit hangers for 3 inch and larger conduit when hanging conduit from structures.

Place conduit under existing pavement by an approved boring method. Do not place boring pits closer than 2 feet from the edge of the pavement unless otherwise directed. Do not use water jetting. When boring is used for under pavement conduit installations,

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the maximum allowable over-cut is 1" in diameter. When conduits are bored, do not exceed 18 inches in the vertical and horizontal tolerances as measured from the intended target point.

Do not use a pneumatically driven device for punching holes beneath the pavement (commonly known as a "missile").

Furnish and install a non-metallic pull rope in conduit runs in excess of 50 feet.

Use a colored cleaner-primer on all PVC to PVC joints before application of PVC cement.

Seal all conduit ends with a permanently soft, non-toxic duct seal. Use a duct seal that does not adversely affect other plastic materials or corrode metals.

Seal all conduit ends with at least three feet of polyurethane foam that will not adversely affect other plastic materials or corrode metals (Froth-Pak 115 2.75 density 157833 or approved equal).

Furnish and install non-metallic pull ropes in conduit installed for future use and cap using standard weather-tight conduit caps, as approved. This work will not be paid for directly, but is subsidiary to this Item.

Item 620:

Use only green insulated wire or an insulated wire wrapped with green tape for equipment grounding conductors, as per the requirements of Item 620.

Item 628:

Contact the appropriate utility company during the first three weeks of the project lead-time period to allow adequate time for any necessary utility adjustments, transformer installation, etc.

Label the service enclosures indicating service address as well as all required information as shown on the Electrical Detail (ED) standard sheets. Labeling shall be silk screening or other acceptable method. This work will not be paid for directly, but is subsidiary to this Item.

When concrete for service pole foundations is required, use Class A in accordance with Item 421, "Concrete for Structures", except consider the concrete subsidiary to Item 628 for payment purposes. When reinforcing steel for service pole foundations is required, it will be in accordance with Item 440, "Reinforcing Steel", except consider the steel subsidiary to Item 628 for payment purposes.

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Use only white insulated wire for neutral wire.

Electrical Service's shall be billed to the City Of Dallas.

Item 656:

Before placing the concrete for the controller foundation, coordinate with the City of Dallas to ensure that the anchor bolt spacing will match the anchor bolts and cabinet supplied by the city.

Form a 3/4-inch chamfer on the top edge of each signal pole foundation.

Probe for utilities and underground structures prior to drilling foundations. Foundations shall be paid for once regardless of extra work caused by obstructions.

Item 680:

Requirements for this Item include the following work, all of which are subsidiary to this Item:

1. Furnish and install the sign panels for mounting on signal poles, mast arms as shown in the plans. Fabricate the sign panels in accordance with Item 636, and mount with Astro-Sign Brac, Signfix aluminum channel, or equal as approved by the Engineer. Install the sign panels supplied for mounting on signal poles, mast arms. Furnish and install all other signs in accordance to Item 636. Furnish all mounting hardware for all signs. Mount signs with Astro-Sign Brac, Signfix aluminum channel, or equal as approved by the Engineer.
2. Provide submittal literature for all traffic signal equipment before installation.
3. Have a qualified technician on the project site to place the traffic signal in operation.
4. Use qualified personnel to respond to and diagnose all trouble calls during the thirty-day test period. Repair any malfunction to Contractor-supplied signal equipment. Provide to the Engineer a local telephone number, not subject to frequent changes and available on a 24-hour basis, for reporting trouble calls. Response time to reported calls must be less than 2 hours. Make appropriate repairs within 24 hours. Place a logbook in the controller cabinet and keep a record of each trouble call reported. Notify the Engineer of each trouble call. Do not clear the error log in the conflict monitor during the thirty-day test period without approval.
5. Remove the existing signals, after the proposed traffic signals are in operation. All salvaged materials shall be delivered to the City of Dallas' Beckley Yard Facility. Call City of Dallas 48 hours prior to delivery.
6. Connect all field wiring to the controller assembly. The City will assist in determining how the detector loop lead-in cables are to be connected, and will also program the

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controller for operation, hook up the conflict monitor, detector units, and other equipment, and turn on the controller. Pick up the signal cabinet from the City of Dallas. Have a qualified technician and a representative from the controller supplier on the project site to place the traffic signals in operation.

7. Install the controller cabinet in an orientation as directed.
8. The information shown in the plans concerning the type and location of underground and overhead utilities is not guaranteed to be accurate or all inclusive. The contractor is responsible for making his/her own determinations as to the type and location of underground or overhead utilities as may be necessary to avoid damage thereto. Prior to excavation work for drilled shaft foundations, the contractor shall notify all owners of underground facilities involved so that locations are verified. 48 hours shall be minimum lead time for notification if necessary. The contractor shall dig by hand to verify underground facilities locations. In no case shall shafts be drilled without verification. Damage to any and all underground facilities shall be the sole responsibility of the contractor, accepting receipt of erroneous location information from facility owner.
9. Contractor shall coordinate with the power company for the proposed electrical service (Oncor, Ronald Jordan 972-985-2038). Install new electrical service for each intersection as shown in the plans. Contractor shall coordinate with the City of Dallas when electrical service is switched from existing traffic signal to proposed traffic signal.
10. Install standard ground boxes with concrete aprons as shown on the plans.
11. The Contractor to supply and install traffic signal poles according to TxDOT specifications.

Item 682:

Install signal head attachments so that the wiring to each signal head passes from the mast arm through the attachment hardware to the signal head. Do not leave cable or wiring exposed.

Provide signal head attachments that allow for adjustment about the horizontal and vertical axis.

Provide aluminum signal heads and aluminum tubing in the following color: Federal Yellow #13538 of Federal Standard 595. Provide back plates, louvers, and the inside of visors with a flat black finish. Provide polycarbonate back plates for all traffic signal heads.

Turn down signal heads or cover with burlap or other material, as approved, until traffic signal is placed in operation.

Mount signal heads level and plumb and aimed as directed.

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Provide louvers that have 5 vanes and a flat black finish on the inside surfaces. Securely fasten a hardware cloth screen with 5/8 inch or smaller mesh size to the front face of each louver to prevent entry by birds.

All pedestrians signal heads should be count down.

Item 684:

Provide 18 AWG Type C signal cables for loop detector lead-ins.

Provide stranded 14 AWG Type A signal cables.

Provide a separate multi-conductor signal cable (14 AWG) inside pedestal poles and signal poles from the terminal strip to each signal head as shown on the plans.

Identify each cable as shown on the plans (cable 1, etc.) with permanent marking labels (Panduit Type PLM standard single marker tie, Thomas&Betts Type 548M, or equal) at each ground box, pole base, and controller.

Item 686:

Provide 12 circuit Buchanan Type 112SN, Kulka Type 985-GP-12 CU, or equal terminal strips in the signal pole access compartment. Provide additional terminal strips of 8 circuits each when more than 12 circuits are required.

Mark pole shafts and mast arms with the identification numbers from the plans to facilitate field-assembly. Identify pole shafts and mast arms by intersection for projects with multiple intersections.

Provide nuts on top and bottom (double nuts) of the base plate as shown on the plans.

Set anchor bolts for mast arm signal poles and strain poles so that two are in tension and two are in compression. Obtain approval of anchor bolt placement before placing concrete.

Use the traffic signal pole heights and mast arm lengths shown on the plans and in the material summary for bidding purposes only. Make field measurements to determine the actual pole height and mast arm length required. Provide vertical clearance of 17 to 19 feet from the roadway to the lowest point of the signal head or mast arm. Place signal heads 40 feet minimum and 180 feet maximum from the stop line. If the nearest signal is more than 180 feet from the stop line, place a supplemental near-side signal head. Determine the field measurements and elevations from the actual field location of the poles, considering all above and below ground utilities and existing roadway elevations.

Provide vibration dampers for mast arms 28 feet long and longer. Use dampers 18"x48" for arms up to 48 feet long, and 16"x66" for longer mast arms. Install using Astro-sign Brac, Signfix aluminum channel, or equal, at a maximum of 3 feet from the end of the mast arm.

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Item 687:

Use a 24 inch drilled shaft foundation for all pedestal pole assemblies.

Item 688:

Maintain a minimum 12 inch separation between loop lead-in sawcuts and loop sawcuts, and a minimum 6 inch separation between loop lead-in sawcuts and other loop lead-in sawcuts.

Use loop wire for concrete pavement and loop duct for asphalt pavements.

Install loop detectors only during off-peak traffic periods.

Provide pedestrian push button assemblies that have permanent-type signs within the detector unit which indicates which crosswalk signal is actuated. Provide push buttons with a minimum 2 inch convex plunger. Provide a protective shroud encircling the plunger to deter vandalism that is cast as part of the housing cover. Use a plunger that protrudes beyond the shroud a distance adequate to accommodate the switch travel. Verify the location of the push button assemblies and the direction of the arrows on the signs prior to installation.

Assist the Engineer in determining the loop inductance of each loop detector installation. Furnish a loop detector analyzer that can determine the total inductance of the loop detector and the percentage shift in loop inductance for various size vehicles.

Item 6007:

Salvage the existing traffic signals at all (5) interchanges as shown on the plans. Salvage poles, cabinets, service poles, exposed conduit, and any other equipment as directed. This equipment remains the property of the city of Dallas, and is to be stockpiled at the City of Dallas Logan yard as directed. Maintain the operation of the existing traffic signal until directed to remove it.

Item 6266:

VIVDS cable must be compatible with state-supplied VIVDS equipment.

The list of material below is for the Contractor's information only.
It is the responsibility of the Contractor to verify
all items and quantities listed below.

CSJ: 0009-11-219
IH 30 AT FERGUSON STREET

Project Number: IM 305 (079), etc

Control: 0009-11-219, etc

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**LIST OF MATERIAL/LABOR
SUBSIDIARY TO ITEM 680**

DESCRIPTION	UNIT	QUANTITY
INSTALLATION OF CONTROLLER COMPLETE W/ CABINET AND ACCESSORIES (SUPPLIED BY THE CITY)	EA	1
TRAF SIG CNTRL FND	EA	1
FURNISH AND INSTALL REGULATORY SIGNS	EA	27
INSTALL CITY PROVIDED REGULATORY SIGNS	EA	4
RELOCATE SINGLE STREET NAME SIGNS	EA	6
HPS 250W LUMINAIRE	EA	6
'5/8" X 10' COPPERCLAD GROUND ROD AND CLAMP	EA	1

**LIST OF MATERIAL
FURNISHED BY THE CITY OF DALLAS**

DESCRIPTION	UNIT	QUANTITY
TRAFFIC SIGNAL CONTROLLER/CABINET	EA	1
SIGNS (R9-3BL)	EA	4

CSJ: 0009-11-219
IH 30 AT PEAK STREET
LIST OF MATERIAL/LABOR
SUBSIDIARY TO ITEM 680

Project Number: IM 305 (079), etc

Control: 0009-11-219, etc

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DESCRIPTION	UNIT	QUANTITY
INSTALLATION OF CONTROLLER COMPLETE W/ CABINET AND ACCESSORIES (SUPPLIED BY THE CITY)	EA	1
TRAF SIG CNTRL FND	EA	1
FURNISH AND INSTALL REGULATORY SIGNS	EA	24
INSTALL CITY PROVIDED REGULATORY SIGNS	EA	4
INSTALL STREET NAME SIGNS	EA	4
HPS 250W LUMINAIRE	EA	3
'5/8" X 10' COPPERCLAD GROUND ROD AND CLAMP	EA	1
RELOCATE GUIDE SIGNS	EA	2

LIST OF MATERIAL
FURNISHED BY THE CITY OF DALLAS

DESCRIPTION	UNIT	QUANTITY
TRAFFIC SIGNAL CONTROLLER/CABINET	EA	1
STREET NAME SIGN PANELS	EA	4
SIGNS(R9-3BR)	EA	2
SIGNS(R9-3BL)	EA	2

CSJ: 0092-01-055
US 175 AT MARTIN LUTHER KING BLVD
LIST OF MATERIAL/LABOR
SUBSIDIARY TO ITEM 680

DESCRIPTION	UNIT	QUANTITY
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Project Number: IM 305 (079), etc

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INSTALLATION OF CONTROLLER COMPLETE W/ CABINET AND ACCESSORIES (SUPPLIED BY THE CITY)	EA	1
TRAF SIG CNTRL FND	EA	1
FURNISH AND INSTALL REGULATORY SIGNS	EA	23
INSTALL CITY PROVIDED REGULATORY SIGNS	EA	4
INSTALL STREET NAME SIGNS	EA	6
HPS 250W LUMINAIRE	EA	4
'5/8" X 10' COPPERCLAD GROUND ROD AND CLAMP	EA	1
INSTALL COMPLETE VIVDS SYSTEM	LS	1

LIST OF MATERIAL
FURNISHED BY THE CITY OF DALLAS

DESCRIPTION	UNIT	QUANTITY
TRAFFIC SIGNAL CONTROLLER/CABINET	EA	1
STREET NAME SIGN PANELS	EA	6
SIGNS(R9-3BR)	EA	2
SIGNS(R9-3BL)	EA	2

CSJ: 0092-01-055
US 175 AT HATCHER STREET
LIST OF MATERIAL/LABOR
SUBSIDIARY TO ITEM 680

Project Number: IM 305 (079), etc

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DESCRIPTION	UNIT	QUANTITY
INSTALLATION OF CONTROLLER COMPLETE W/ CABINET AND ACCESSORIES (SUPPLIED BY THE CITY)	EA	1
TRAF SIG CNTRL FND	EA	1
FURNISH AND INSTALL REGULATORY SIGNS	EA	26
INSTALL CITY PROVIDED REGULATORY SIGNS	EA	4
RELOCATE STREET NAME SIGNS	EA	6
HPS 250W LUMINAIRE	EA	4
'5/8" X 10' COPPERCLAD GROUND ROD AND CLAMP	EA	1

LIST OF MATERIAL
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DESCRIPTION	UNIT	QUANTITY
TRAFFIC SIGNAL CONTROLLER/CABINET	EA	1
SIGNS(R9-3BR)	EA	2
SIGNS(R9-3BL)	EA	2

CSJ: 0092-14-077
IH 45 AT LAMAR STREET
LIST OF MATERIAL/LABOR
SUBSIDIARY TO ITEM 680

Project Number: IM 305 (079), etc

Control: 0009-11-219, etc

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DESCRIPTION	UNIT	QUANTITY
INSTALLATION OF CONTROLLER COMPLETE W/ CABINET AND ACCESSORIES (SUPPLIED BY THE CITY)	EA	1
TRAF SIG CNTRL FND	EA	1
FURNISH AND INSTALL REGULATORY SIGNS	EA	28
INSTALL CITY PROVIDED REGULATORY SIGNS	EA	6
RELOCATE STREET NAME SIGNS	EA	6
HPS 250W LUMINAIRE	EA	3
'5/8" X 10' COPPERCLAD GROUND ROD AND CLAMP	EA	1
INSTALL "LED OPTIC BLANK-OUT SIGN" EQUAL TO SIGN AND SIGNAL COMPANY MODEL NUMBER IS #2424LEDNTOR	EA	1

LIST OF MATERIAL
FURNISHED BY THE CITY OF DALLAS

DESCRIPTION	UNIT	QUANTITY
TRAFFIC SIGNAL CONTROLLER/CABINET	EA	1
STREET NAME SIGN PANELS	EA	6
SIGNS(R9-3BR)	EA	3
SIGNS(R9-3BL)	EA	3
LED OPTIC BLANK-OUT SIGN	EA	1